

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,003,403 B1
APPLICATION NO. : 09/595580
DATED : February 21, 2006
INVENTOR(S) : Dougherty et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Item [54], Title, "QUANTIFYING GENE RELATEDNESS VIA NONLINEAR PREDICTION OF GENE" should read --QUANTIFYING GENE RELATEDNESS VIA NONLINEAR PREDICTION OF GENE EXPRESSION LEVELS--.

Item [75], Inventors, the following inventor has been omitted from the printed patent: --Krishnamoorthy Sivakumar, Pullman, WA (India)--.

Column 10

Lines 17-18, in TABLE 3, " \dots " should be listed below the column header " Y_{pred} ".

Y_{27}

Column 11

Line 39, "presented" should read --presented--.

Line 43, "150c" should read --1150c--

Column 16

Line 21, " $\epsilon_{con,n}$ " should read -- $\epsilon_{con,n}$ --.

Line 24, " $[\epsilon_{con,n}]$ " should read -- $[\epsilon_{con,n}]$ --.

Line 25, " $\delta_{con,n}$ " should read -- $\delta_{con,n}$ --.

Line 25, " $[\epsilon_{con,n}]$ " should read -- $[\epsilon_{con,n}]$ --.

Line 28, " $\delta_{con,n}$ " should read -- $\delta_{con,n}$ --.

Line 30, " $\delta_{con,n}$ " should read -- $\delta_{con,n}$ --.

Line 32, " $\delta_{con,n}$ " should read -- $\delta_{con,n}$ --.

Line 36, " $\delta_{con,n}$ " should read -- $\delta_{con,n}$ --.

Line 38, " $\approx \epsilon_{con,n}$ " should read -- $\approx \epsilon_{con,n}$ --.

Line 41, " $\delta_{con,n}$ " should read -- $\delta_{con,n}$ --.

Line 49, " $E[\epsilon_{con,n}]$ " should read -- $E[\epsilon_{con,n}]$ --.

Line 50, " $E[\epsilon_{con,n}]$ " should read -- $E[\epsilon_{con,n}]$ --.

Line 50, " N_2 " should read -- N_1 --.

Line 51, " $E[\epsilon_{con,n}]$ " should read -- $E[\epsilon_{con,n}]$ --.

Column 17

Line 37, " $E[\epsilon_n] < \theta_{opt}$ " should read --yield $E[\theta_n] < \theta_{opt}$ --.

Line 39, " $\epsilon_{con,n}$ " should read -- $\epsilon_{con,n}$ --.

Line 40 " $\epsilon_{con,n}$ " should read -- $\theta_{con,n}$ --

Line 46, " $[\theta_{con,n}]$ " should read -- $[\theta_{con,n}]$ --.

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Column 21

"TABLE 4-continued", at row 20 K562, "0 0 0 0-1 0 0 0 1 0" should read
--0 0 0 0 -1 0 0 1 0 0--.

Line 55, "PC 1" should read --PC1--.

Column 25

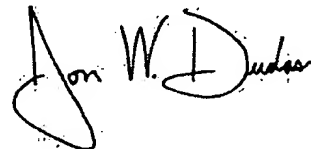
Lines 14-15, the following paragraph was omitted from the printed patent: --A set of two planes defines the perceptron and will separate the groups of colored spheres into three regions, where each region contains spheres of the same color. The display can be rotated.--

Column 35

In Claim 65, Line 17, "claim 56" should read --claim 63--.

Signed and Sealed this

Fifth Day of December, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office